

165

191

## Cumulative contents of Volume 41

## Volume 41, No. 1, January 1995

L. Colace, M. Giona and M. Coli

## **Papers**

Parallel implementation of a general purpose functional predictor for chaotic time series	
	17
Underwater tracking of a maneuvering target using time delay measurements	1
S.V. Vaseghi	-
State duration modelling in hidded Markov models	3
J. Rheem, B. Kim and S. Ann	
A nonuniform sampling method of speech signal and its application to speech coding	43
B. Al-Badr and S.A. Mahmoud	
Survey and bibliography of Arabic optical text recognition	49
M. Akay	
Harmonic decomposition of diastolic heart sounds associated with coronary artery disease	79
G. González, R.E. Badra, R. Medina and J. Regidor	
Period estimation using minimum entropy deconvolution (MED)	91
S. Agaian, J. Astola, K. Egiazarian and P. Kuosmanen	
Decompositional methods for stack filtering using Fibonacci p-codes	101
P.M. Lapsa	
Proof of multi-dimensional stability condition	111
EUSIPCO-94 Proceedings	117
Volume 41, No. 2, January 1995	
Papers	
X. Li and T. Chen	
Efficient synthesis of parameterized Gaussian-like filters by approximation	119
R. Yang, M. Gabbouj and Y. Neuvo	
Fast algorithms for analyzing and designing weighted median filters	135
HR. Park, J. Li and H. Wang	
Polarization-space-time domain generalized likelihood ratio detection of radar targets	153
A Freedmann N Levanon and S Gabbay	100

Perfect periodic correlation sequences....

Detection of impulsive stochastic transients over background noise .....

Fractal geometry analysis of turbulent data .....

Elsevier Science B.V.

G.A. Tsihrintzis and C.L. Nikias

M.A. Marvasti and W.C. Strahle

G.L. Foresti, C.S. Regazzoni and G. Vernazza	
Circular arc extraction by direct clustering in a 3D Hough parameter space	203
M. Jourlin and J.C. Pinoli	
Image dynamic range enhancement and stabilization in the context of the logarithmic image processing model	225
CY. Chi and JY. Kung	
A new identification algorithm for allpass systems by higher-order statistics	239
Announcements and calls for papers	257
Volume 41, No. 3, February 1995	
Papers	
O.V. Shentov, S.K. Mitra, U. Heute and A.N. Hossen	
Subband DFT - Part I: Definition, interpretation and extensions	261
A.N. Hossen, U. Heute, O.V. Shentov and S.K. Mitra	
Subband DFT - Part II: Accuracy, complexity and applications	279
Y.G. Yang, N.I. Cho and S.U. Lee	
On the performance analysis and applications of the subband adaptive digital filter	295
P. Kuosmanen and J. Astola	
Optimal stack filters under rank selection and structural constraints	309
R.G. Shenoy and T.W. Parks	
Wide-band ambiguity functions and affine Wigner distributions	339
J.M. Gehring	
Separable two-dimensional recursive digital filters with zero-phase approximation in the passband	365
M.B. El Mashade	
Performance analysis of modified ordered-statistics CFAR processors in nonhomogenous environments	379
L. Goldfeld and D. Wulich	
A calculation of the capacity of a twisted-wire pair	391
S. Roques, K. Bouyoucef, L. Touzillier and J. Vigneau	
Prior knowledge and multiscaling in statistical estimation of signal-to-noise ratio - Application to deconvolution regulariz-	
ation	395
Author index of Volume 41	403
Comulative contents of Volume 41	405
Community Constants of a Vigilia 74	103

